

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/011864

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K7/06 A61P17/14 A61K31/22 A61K31/357 C07D317/30
C07D319/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K A61P C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 353 014 B1 (HELLBERG MARK R ET AL) 5 March 2002 (2002-03-05) cited in the application claims 1,14,17 -----	1-8,11, 12
X	US 4 088 775 A (SKUBALLA WERNER ET AL) 9 May 1978 (1978-05-09) cited in the application claims 1,88 -----	1-8,11, 12
X	EP 0 308 135 A (UENO SEIYAKU OYO KENKYUJO KK) 22 March 1989 (1989-03-22) page 13 - page 14; examples 8,9 -----	11,12
X	US 3 962 218 A (VORBRUGGEN HELMUT ET AL) 8 June 1976 (1976-06-08) claims 1,11-22 -----	11-13
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

6 January 2005

Date of mailing of the international search report

17/01/2005

Name and mailing address of the ISA

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PCT/JP2004/011864

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 262 105 B1 (JOHNSTONE MURRAY A) 17 July 2001 (2001-07-17) column 6, line 35 – line 68; claim 1; example 3; table 1 -----	9,10
3		

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 9 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/JP2004/011864

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/JP2004/011864

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0308135	A		US 5001153 A US 5591887 A US 6420422 B1 US 5106869 A US 5151444 A US 5770759 A US 5166178 A US 5212200 A US 5221763 A ZA 8806871 A ZA 8806872 A ZA 8806909 A OA 9028 A	19-03-1991 07-01-1997 16-07-2002 21-04-1992 29-09-1992 23-06-1998 24-11-1992 18-05-1993 22-06-1993 30-05-1989 26-07-1989 30-05-1989 31-03-1991
US 3962218	A	08-06-1976	DE 2328132 A1 BE 815742 A1 CA 1037035 A1 CH 605728 A5 CH 605734 A5 DD 112645 A5 DK 286174 A FR 2283668 A1 GB 1474097 A HU 173532 B JP 50157337 A MX 3906 E NL 7407270 A SE 415837 B SE 7407101 A	02-01-1975 02-12-1974 22-08-1978 13-10-1978 13-10-1978 20-04-1975 13-01-1975 02-04-1976 18-05-1977 28-06-1979 19-12-1975 14-09-1981 03-12-1974 03-11-1980 02-12-1974
US 6262105	B1	17-07-2001	AT 266397 T AU 750039 B2 AU 6270998 A CA 2279967 A1 DE 69823852 D1 EP 1021179 A1 JP 2001511155 T WO 9833497 A1	15-05-2004 11-07-2002 25-08-1998 06-08-1998 17-06-2004 26-07-2000 07-08-2001 06-08-1998